

# WEST Search History

DATE: Monday, August 25, 2003

## Set Name Query

side by side

## Hit Count Set Name

result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ*

L36	L35 and l3	63	L36
L35	L34 and polyacrylamide	65	L35
L34	L33 and (oil-in-water or o/w)	171	L34
L33	L32 and emulsion	336	L33
L32	(leave-on or leave on) and cosmetic	448	L32
L31	l26 and l18	4	L31
L30	L29 and l26	0	L30
L29	L28 and l22	19	L29
L28	L27 and l19	2227	L28
L27	l11 and l3 and l1	10279	L27
L26	l17 and l1 and l19	129	L26
L25	L24 and l16	0	L25
L24	L23 and l20	19	L24
L23	L22 and l11	177	L23
L22	l18 same l3	2516	L22
L21	L20 and l17 and l18	4	L21
L20	l1 and l19	25577	L20
L19	oil-in-water or o/w or (oil adj in adj water)	27535	L19
L18	water swell\$4	12092	L18
L17	polyacrylamide adj polymer	1662	L17
L16	polyacrylamide same polymer	22837	L16
L15	wo-9603967\$.did.	2	L15
L14	L13 and l12	19	L14
L13	number average molecular weight	44687	L13
L12	L11 and l7	395	L12
L11	l8 or l9 or l10	46502	L11
L10	anionic surfactant	39721	L10
L9	zwitterionic surfactant	4762	L9
L8	amphoteric surfactant	13651	L8
L7	L6 and cosmetic	878	L7
L6	swell\$4 and l4 and polymer	3808	L6
L5	swell@4 and l4 and polymer	0	L5
L4	L3 and l2 and l1	17928	L4
L3	cellulose or polysaccharide or guar gum or acrylic acid	455889	L3
L2	polyacrylamide	75925	L2

L1 emulsion

346510 L1

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 4 of 4 returned.**☐ 1. Document ID: US 20030104949 A1

L31: Entry 1 of 4

File: PGPB

Jun 5, 2003

PGPUB-DOCUMENT-NUMBER: 20030104949

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030104949 A1

TITLE: Composition for use in sealing a porous subterranean formation, and methods of making and using

PUBLICATION-DATE: June 5, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Myers, Kent R.	Billings	MT	US	
Brown, Richard K.	Billings	MT	US	
Krause, Stewart W.	Billings	MT	US	
Parekh, Shobha B.	Billings	MT	US	
Stichman, Robert W.	Billings	MT	US	

US-CL-CURRENT: 507/100

## ABSTRACT:

A composition for sealing porous subterranean formations comprises a mixture of a water-swellaable clay and a water insoluble, water absorbent, water-swellaable polymer, wherein the mixture is coated with a material that is resistant to penetration by water. The water penetration resistant material helps the delay the onset of swelling of the clay and polymer until it reaches the formations intended for sealing. Mixing the clay with the water-swellaable polymer prior to coating assists in coating of the water-swellaable polymer with the water penetration resistant material. The coated mixture can be suspended in an aqueous liquid, and then pumped into a subterranean cavity to seal porous formations therein.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	TMIC	Draw Desc	Image
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☐ 2. Document ID: US 6221433 B1

L31: Entry 2 of 4

File: USPT

Apr 24, 2001

US-PAT-NO: 6221433

DOCUMENT-IDENTIFIER: US 6221433 B1

TITLE: Siloxane automotive protectant compositions

DATE-ISSUED: April 24, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Muntz; Ronald Lee	Adrian	MI		
Lowery; Michael Dean	Tecumseh	MI		
Fry; Bryan Eric	Tecumseh	MI		

US-CL-CURRENT: 427/387; 106/287.13, 106/3, 524/269

## ABSTRACT:

Gloss and ease of application of sprayable aqueous organopolysiloxane vinyl protectant emulsions are both improved by the addition of a gloss-improving additive. Protectants may be formulated to achieve higher gloss with the same amount of active organopolysiloxane or the same or higher gloss with less organopolysiloxane. Preferred gloss-improving additives are water soluble organic viscosifiers and/or minor amounts of inorganic, viscosity-increasing particulate solids.

40 Claims, 12 Drawing figures  
Exemplary Claim Number: 1,21  
Number of Drawing Sheets: 6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMAC	Draw Desc	Image
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☐ 3. Document ID: US 6206956 B1

L31: Entry 3 of 4

File: USPT

Mar 27, 2001

US-PAT-NO: 6206956

DOCUMENT-IDENTIFIER: US 6206956 B1

TITLE: Siloxane automotive protectant compositions

DATE-ISSUED: March 27, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Muntz; Ronald L.	Adrian	MI		
Lowery; Michael D.	Vista	CA		
Fry; Bryan E.	Tecumseh	MI		

US-CL-CURRENT: 106/3; 106/2, 106/287.13, 106/287.14, 106/287.15, 524/269

## ABSTRACT:

Gloss and ease of application of sprayable aqueous organopolysiloxane vinyl protectant emulsions are both improved by the addition of a gloss-improving additive. Protectants may be formulated to achieve higher gloss with the same amount of active organopolysiloxane or the same or higher gloss with less organopolysiloxane. Preferred gloss-improving additives are water soluble organic viscosifiers and/or minor amounts of inorganic, viscosity-increasing particulate solids.

24 Claims, 12 Drawing figures  
Exemplary Claim Number: 1  
Number of Drawing Sheets: 6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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IMAC	Draw Desc	Image
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☐ 4. Document ID: US 5733576 A

L31: Entry 4 of 4

File: USPT

Mar 31, 1998

US-PAT-NO: 5733576

DOCUMENT-IDENTIFIER: US 5733576 A

TITLE: Process for the production of absorbing material with an improved degradability and absorption for water, aqueous solutions and body liquids, and its use in hygienic articles and for soil conditioning

DATE-ISSUED: March 31, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chmelir; Miroslav	Krefeld			DE

US-CL-CURRENT: 424/488; 424/484, 424/486, 424/489

## ABSTRACT:

A process for the production of absorbing agents for water, aqueous solutions and body liquids consisting of at least two components A and B, whereby component A comprises a water-swellable, synthetic polymer or copolymer and component B comprises a natural or synthetic polymeric compound which at normal temperature is a pourable powder and is partially soluble or insoluble in water. Component B is added to component A in dry or partially swollen form during component A's production process after a monomer conversion of at least 30%, preferably at least 60% is attained, and is then mixed with the polymer gel of component A and subsequently dried. The invention further relates to the use of the absorbing agent for the absorption and/or retention of water and/or aqueous solutions, in particular of aqueous body liquids, such as urine or blood, in absorbent expendable products for hygienic, surgical and other medical purposes, such as diapers, tampons, and sanitary napkins; for the absorption and/or retention of water and/or aqueous solutions and subsequent controlled release of water and/or the substances dissolved in the aqueous medium to other bodies, as well as for drying gases and/or liquids, preferably organic liquids and solvents which are not miscible in water.

13 Claims, 0 Drawing figures

Exemplary Claim Number: 1

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[IWS](#) [Draw Desc](#) [Image](#)[Generate Collection](#)[Print](#)

Term	Documents
(26 AND 18).USPT,PGPB,JPAB,EPAB,DWPI	4
(L26 AND L18).USPT,PGPB,JPAB,EPAB,DWPI	4

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